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URBAN
DISTRICT



COUNCIL
OF

GAINSBOROUGH



Annual Report

of the

MEDICAL OFFICER OF HEALTH

with that of the

SANITARY INSPECTOR

FOR THE YEAR 1953

URBAN DISTRICT COUNCIL OF GAINSBOROUGH



1953

CHAIRMAN OF THE COUNCIL:

Councillor Mrs. M. Brame, J.P.

VICE-CHAIRMAN OF THE COUNCIL:

Councillor A. H. Kirkby.

HEALTH COMMITTEE

Chairman:

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Councillor A. Aldous.

Councillor H. Asquith.

Councillor J. C. Fitchett.

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Councillor A. Theaker.

Councillor C. W. Wilson.

Councillor Mrs. M. Brame, J.P.

URBAN DISTRICT COUNCIL OF GAINSBOROUGH

HEALTH DEPARTMENT STAFF

Medical Officer of Health:

J. C. MACARTNEY,
M.D., M.B., Ch.B. (Edin. Univ.), D.P.H. (Edin. and Glasgow)

Senior Sanitary Inspector and Building Inspector:

JOHN CARTER, A.R.San.I., A.M.I.San.E., M.S.I.A.,

1. Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board.
2. Royal Sanitary Institute. Certificate as Inspector of Meat and Other Foods.
3. Royal Sanitary Institute. Certificate in Sanitary Science as applied to Buildings and Public Works.
4. Royal Sanitary Institute. Certificate as Smoke Inspector.
5. Institution of Sanitary Engineers. Associate Membership Examination.
6. Liverpool University School of Hygiene. Certificate in Sanitary Science.

Additional Sanitary Inspector:

JAMES KIRK, Cert.S.I.B., M.S.I.A.,

1. Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board.
2. Royal Sanitary Institute. Certificate as Inspector of Meat and Other Foods.

Clerk:

A. E. NICHOLSON,

ANNUAL REPORT

of the

Medical Officer of Health

for the year 1953

TO THE CHAIRMAN AND MEMBERS OF
THE URBAN DISTRICT COUNCIL OF GAINSBOROUGH.

Public Health Department,
12, Lord Street,
Gainsborough.
1st August, 1954.

Madam Chairman, Ladies and Gentlemen,

I have pleasure in submitting the Annual Report for the year 1953 prepared in accordance with the statutory requirements.

On the whole, the health of the district was good. The majority of the Infectious Diseases were Measles and Whooping Cough cases. It is worth recording that this is the seventh successive year in which no case of Diphtheria occurred.

In conclusion I wish to thank Senior and Additional Sanitary Inspectors and all members of the Health and other Departments for their valuable co-operation at all times. I also thank the members of the Council for their helpful interest in health matters.

Yours obediently,

J. C. MACARTNEY,
M.D. (Edin.), Ch.B., D.P.H.
Medical Officer of Health.

SECTION A.

1. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area of the Urban District.....	2,406 acres
Estimated Population... ..	17,420
Number of inhabited houses end 1953.....	5,494
Rateable Value	£100,938
Sum represented by 1d. Rate.....	£397/5/11

The chief industries of the area are Engineering, Timber, Malting and Milling.

2. EXTRACTS FROM VITAL STATISTICS.

	Total	Male	Female	Birth Rate
Live Births	253	123	130	14.52
Legitimate	236	112	124	
Illegitimate	17	11	6	
Still Births	9	4	5	
Legitimate	8	3	5	
Illegitimate	1	1	0	

Deaths. 1953. All causes.

Total	Male	Female	Death Rate
221	116	105	12.69

DEATHS FROM PUERPERAL CAUSES Nil

DEATHS FROM OTHER MATERNAL CAUSES Nil

DEATH RATE OF INFANTS UNDER 1 YEAR.

All Infants per 1,000 Live Births..... 39.53

CAUSES OF DEATH.

Disease	Male	Female	Total
Tuberculosis, respiratory.....	1	1	2
Syphilitic disease	1	1	2
Other infective diseases	—	1	1
Cancer, all causes	16	13	29
Leukaemia & Aleukaemia	—	1	1
Diabetes	1	3	4
Vascular lesions of nervous system ..	10	22	32
Coronary disease, angina	19	12	31
Hypertension with heart disease.....	5	2	7
Other heart disease	18	12	30
Other circulatory diseases.....	3	6	9
Pneumonia.....	2	4	6
Bronchitis	13	6	19
Other respiratory diseases	1	—	1
Ulcer of stomach & duodenum	—	1	1
Gastritis, Enteritis & Diarrhoæ	1	—	1
Nephritis and Nephrosis.....	2	3	5
Hyperplasia of prostate	3	—	3
Congenital malformations	3	—	3
Other defined and ill-defined diseases	9	15	24
Motor vehicle accidents.....	1	—	1
All other accidents	5	2	7
Suicide	2	—	2
	<hr/> 116	<hr/> 105	<hr/> 221

COMPARATIVE TABLES.

Births	Total	Male	Female	Birth Rate
1953	253	123	130	14.52
1952	263	142	121	16.9
1951	260	134	126	16.7
1950	283	159	124	15.8
1949	269	129	140	15.1
1948	315	179	136	18.2
Deaths	Total	Male	Female	Death Rate
1953	221	116	105	12.69
1952	272	148	124	12.3
1951	263	136	127	14.8
1950	229	120	109	12.2
1949	240	131	109	13.5
1948	223	117	106	12.3

DEATHS OF INFANTS UNDER 1 YEAR OF AGE

	Male	Female	Total
Legitimate	5	3	8
Illegitimate	1	1	2
Total	6	4	10

DEATHS OF INFANTS UNDER 4 WEEKS OF AGE

	Male	Female	Total
Legitimate	2	2	4
Illegitimate	—	1	1
Total	2	3	5

INFANT MORTALITY RATE

1953.....	39.53
1952.....	38.0
1951.....	30.7
1950.....	17.6
1949.....	59.4
1948.....	25.39

COMPARATIVE TABLE.

	* Birth Rate	* Death Rate	‡ Infant Mortality
England and Wales ..	15.5	11.4	26.8
160 Great Towns	17.0	12.2	30.8
160 Smaller Towns	15.7	11.3	24.3
London	17.5	12.5	24.8
Gainsborough	14.52	12.69	39.53

* Rates per 1,000 home population.

‡ Rates per 1,000 Live Births.

POPULATION

1953.....	17,420
1943.....	17,400
1933.....	18,250
1923.....	19,800

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

A. SERVICES PROVIDED BY THE COUNTY COUNCIL.

County Medical Officer: Dr. W. S. H. Campbell, O.B.E.

Health Information. Enquiries relating to local health services may be made of the M.O.H., 10/12, Lord Street, Gainsborough. Many various facilities are available under the following headings:—

Maternity Service.

Child Care.

Home Nursing.

Health Visitors.

Home Helps.

Sick Room Requisites, Appliances and other Equipment.

Vaccination and Immunisation.

Mental Health.

Ambulance Service.

Minor Ailment Clinics for School Children.

Infant Welfare Centres and Ante-natal Clinics.

The County Council's clinics function at Gainsborough as follows:—

(a) At Spital Terrace Clinic

Minor Ailments Clinic	...	Daily 9-30 a.m.
School Clinic	... ..	Tuesdays 2-0 p.m.
Infant Welfare Centre	...	Thursdays 2-0 p.m.
Toddlers Clinic	... ..	2nd Thursday and 4th Monday in each month 10-0 a.m.
Infant Welfare & Ante-Natal Clinic	... ..	2nd, 4th and 5th Tuesday in each month 10-0 a.m.
Dental Clinic, Vaccination and Immunisation	... ..	By appointment.
Sunlight Clinic	... ..	Mondays and Thursdays 10-0 a.m.
Domestic Help Service	...	Organiser attends Tuesdays and Thursdays 2-0 p.m.

(b) At Woods Terrace Clinic.

Infant Welfare Centre	...	Mondays 2-0 p.m.
Toddlers Clinic	... ..	2nd Monday and 4th Thursday 10-0 a.m.

In addition to above, appointments are also made at the John Coupland or other Hospital for school and pre-school children requiring Ophthalmic or Ear, Nose and Throat consultant services.

B. SERVICES PROVIDED BY THE LOCAL EXECUTIVE COUNCIL

General Medical Care.

The Family Doctor.

Special Maternity Services apart from the Local Health Authority Service (General Practitioner Obstetrician).

Medicines, Drugs and Appliances.

Dentistry.

Supplementary Eye Service.

C. SERVICE PROVIDED BY THE REGIONAL HOSPITAL BOARD.

Hospital and Specialist Services. All forms of treatment in general or special hospitals are available, both in-patient and out-patient treatment. This includes sanatorium treatment, maternity care, care of mental health and surgical operations. Consultants and specialists are available as far as resources permit.

SECTION C.

SANITARY CIRCUMSTANCES IN THE AREA.

The usual services were satisfactorily carried out. Routine analyses of samples of the water supply were made at weekly intervals. Results and remarks thereon appear in the Sanitary Inspector's section of this report.

SECTION D.

HOUSING STATISTICS.

Total of New Houses erected during the year	....	....	....	109
(1) By the Local Authority	....	....	....	86
(2) By other Local Authorities	....	....	....	0
(3) By other bodies or persons	....	....	....	23

1. Inspection of Dwellinghouses during the year—

(1) (a) Total number of dwellinghouses inspected for housing defects (under public Health or Housing Acts)	....	129
(b) Number of inspections made for that purpose	....	401
(2) (a) Number of dwellinghouses (included under Sub-head above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	....	0
(b) No. of inspections made for the purpose	....	0
(3) No. of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation....	....	1
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	....	108

2. Remedy of defects during the year without service of formal Notices—

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers 97

Action under Statutory Powers during the year—

(a) Proceedings under Sections 9, 10 and 36 Housing Act, 1936 :—	
(1) Number of dwellinghouses in respect of which notices were served requiring repairs	—
(2) Number of dwellinghouses which were rendered fit after service of formal notices :—	
(a) by owners	—
(b) by Local Authority in default of owners	—
(b) Proceedings under Public Health Acts :—	
(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied	20
(2) Number of dwellinghouses in which defects were remedied after service of formal notices :—	
(a) by owners	14
(b) by Local Authority in default of owners	—
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936	—
(d) Proceedings under Section 12 of the Housing Act, 1936 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	—
Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

4. Housing Act, 1936—Part IV—Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year....	4
(2) Number of families dwelling therein	12
(3) Number of persons dwelling therein	36
(b) Number of new cases of overcrowding reported during the year	—
(c) (1) Number of cases of overcrowding relieved during the year	3
(2) Number of persons concerned in such cases	27
(d) Number of houses again overcrowded after being previously relieved	—

5. Housing Act, 1949.

(a) No. of applications for grants received	3
(b) No. of grants made	1
(c) No. of applications for grants made by Local Authority	—

INSPECTION AND SUPERVISION OF FOOD.

Four cases of food poisoning were notified during the year comprising one outbreak and one individual case.

After laboratory investigation, the outbreak was traced to an infected food handler.

In the individual case, extensive investigations were made but as insufficient evidence was available, the source of infection could not be traced.

Routine inspections of food and food preparing premises are made by your Sanitary Inspectors who apply much vigilance in the execution of these vital duties.

INFECTIOUS DISEASES.

During 1953, there were 335 notifications of infectious disease, approximately two-thirds of which were measles. Details of these are in subsequent tables.

ANTI-DIPHTHERIC IMMUNISATION AND VACCINATION AGAINST SMALLPOX.

Particulars of diphtheria immunisations, vaccinations and re-vaccinations carried out in the Gainsborough Urban District during 1953.

	Under five years of age.	Between five and fourteen years of age.	Boosting Doses.	Total
Diphtheria Immunisations ...	217	29	139	385

	Under one.	1—4.	5—14.	15 or over.	Total
Vaccinations	53	5	3	14	75
Re-vaccinations ...	—	—	—	18	18

	Under One.	One.	Two.	Three.	Four.	Total.
Whooping Cough Immunisations (under five years)	4	6	6	—	—	16

TABLE I.

Disease.	Number of Cases Notified.
Measles	248
Whooping Cough	64
Pneumonia	9
Scarlet Fever	7
Food Poisoning	4
Poliomyelitis (Paralytic)	3
Poliomyelitis (Non Paralytic)	2
Meningitis	2
Erysipelas	1
Tuberculosis	15
	<hr/> 355 <hr/>

TABLE II.

DISTRIBUTION IN WARDS.

Disease	North	Market	Central	South
Measles	57	71	60	60
Whooping Cough	10	15	28	11
Pneumonia	3	—	2	4
Scarlet Fever	4	2	—	1
Food Poisoning	1	2	—	1
Poliomyelitis (Paralytic) ...	2	1	—	—
Poliomyelitis (Non Paralytic)	1	—	—	1
Meningitis	—	1	1	—
Erysipelas	1	—	—	—

TABLE III.

AGE INCIDENCE OF INFECTIOUS DISEASE.

Ages	Measles	Whooping Cough	Pneu- monia	Scarlet Fever	Food Poisoning	Poliomyelitis (Paralytic)	Poliomyelitis (Non Paralytic)	Menin- gitis	Erysi- pelas
0-1	10	7	—	—	—	—	—	—	—
1-2	26	11	1	—	—	1	—	—	—
2-3	33	6	—	—	—	—	—	—	—
3-4	40	11	—	1	—	—	—	—	—
4-5	41	6	1	3	—	1	—	2	—
5-10	95	22	—	3	—	1	—	—	—
10-15	2	1	—	—	—	—	—	—	—
15-20	1	—	—	—	—	—	2	—	—
20-35	—	—	1	—	1	—	—	—	—
35 up	—	—	6	—	3	—	—	—	1
Totals	248	64	9	7	4	3	2	2	1

MONTHLY DISTRIBUTION OF INFECTIOUS DISEASES.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Measles	163	50	30	—	3	—	1	—	—	—	1	—	248
Whooping Cough	—	—	—	—	—	4	11	9	20	5	7	8	64
Pneumonia	1	3	—	1	1	2	—	—	—	—	1	—	9
Scarlet Fever	2	1	—	1	2	1	—	—	—	—	—	—	7
Food Poisoning	—	—	—	—	—	—	—	3	—	—	1	—	4
Poliomyelitis (Paralytic)	—	—	—	—	1	—	2	—	—	—	—	—	3
Poliomyelitis (Non Paralytic)	—	—	—	—	—	—	—	2	—	—	—	—	2
Meningitis	—	—	—	—	—	2	—	—	—	—	—	—	2
Erysipelas	—	—	—	1	—	—	—	—	—	—	—	—	1
Pulmonary Tuberculosis	3	—	—	2	2	—	2	—	—	—	1	3	13
Non-Pulmonary Tuberculosis	—	—	—	—	—	1	—	1	—	—	—	—	2
Totals	169	54	30	5	9	10	16	15	20	5	11	11	355

DEATHS FROM TUBERCULOSIS.

Year	Respiratory	Non-Respiratory	Totals
1953	2	0	2
1952	6	2	8
1951	7	1	8
1950	1	0	1
1949	10	1	11
1948	5	2	7
1947	9	1	10

VENEREAL DISEASES.

The trend of Venereal Disease in this district is downward and there have been only three acute cases arising in the town during the year. Of course, there have been a large number of cases who have come for differential diagnosis.

This is a very satisfactory trend indicating a sense of health consciousness.

I am indebted to Dr. Orchard for the above information.

CANCER.

There has been a notable increase in the diagnosis of Cancer of the lung and bronchus and this fact has been observed in all parts of the country. Research and enquiry are continuing with reference to the cause.

The total number of deaths from Cancer was	29
Males	16
Females	13

The sites of the disease are as follows:—

Stomach	7
Lung and bronchus	4
Breast	4
Uterus	0
Other malignant and lymphatic neoplasms	14

The total number of Cancer deaths in recent years is given below:

Year	Deaths
1953	29
1952	45
1951	43
1950	28
1949	31
1948	47
1947	27

GERONTOLOGY.

The study of the increasing longevity of the population has become an important concern regarding the medical and socio-economic problems of the Public Health Service.

Loneliness and idleness are the last things which any old person should have to suffer.

Old people require provision of hearing aids and spectacles if required, as well as treatment for foot disabilities. In the latter case, chiropodists' services are available in this district by arrangement through the Old People's Welfare Committee of which your Medical Officer is a member.

Much other good work is done also by other voluntary workers such as the Women's Voluntary Services Club, the Red Cross and the Co-operative Society's Clubs for old people as well as the Marshall's Works Veterans' Club.

All these are available for those who are able to attend.

Home visits are made by volunteers where necessary and the provision of "Home Help" service is also arranged and available through the Lindsey County Council.

During 1953, no action had to be taken under Section 47 of the National Assistance Act of 1948.

SCHOOL MEDICAL INSPECTIONS.

Your Medical Officer is also School Medical Inspector and Assistant County Medical Officer. All schools in the district were inspected during the year. The state of health, general nutrition and cleanliness of the children was of a particularly high standard and showed a very vast improvement on that of the old days.

GROUP	No. Inspected	General Condition		
		Good	Fair	Poor
New Entrants	301	230	70	1
Second Age Group	72	46	25	1
Third Age Group	138	100	38	—
Total (All Groups)	411	376	133	2

SCHOOL MEDICAL INSPECTIONS

Carried out in the Gainsborough Urban District during 1953.

DEFECT	Periodic Inspections		Special Inspections	
	No. of defects		No. of defects	
	Requiring Treatment	Requiring to be kept under observation but not requiring treatment	Requiring Treatment	Requiring to be kept under observation but not requiring treatment
Skin	5	3	—	—
Eyes				
(a) Defective vision (excluding squint) ..	14	26	—	—
(b) Squint	1	17	—	—
(c) Other	7	4	—	—
Ears				
(a) Hearing	3	3	1	—
(b) Otitis Media	3	—	—	—
(c) Other	1	—	—	—
Nose or Throat	20	63	—	—
Speech	2	—	—	—
Cervical Glands	7	—	—	—
Heart and Circulation	6	4	—	—
Lungs	22	2	—	—
Developmental				
(a) Hernia	—	1	—	—
(b) Other.....	—	1	—	—
Orthopaedic				
(a) Posture	1	—	—	—
(b) Flat Feet	—	1	—	—
(c) Other	5	5	—	—
Nervous System				
(a) Epilepsy	—	—	—	—
(b) Other.....	—	—	—	—
Psychological				
(a) Development	—	2	—	1
(b) Stability	—	—	—	1
Other (excluding un-cleanliness & dental	5	2	—	—

SCHOOL MEDICAL INSPECTIONS (Cont.)
Diseases or Defects included as "Other" in previous table

DEFECT	Periodic Inspections			Special Inspections	
	Requiring Treatment	No. of Defects		Requiring Treatment	No. of Defects
		Requiring observation but not requiring treatment	Requiring observation but not requiring treatment		
Eyes					
Stye	1	—	—	—	—
Blepharitis	6	—	—	—	—
Ruptured Iris	—	1	1	—	—
Irregular Iris	—	1	1	—	—
Artificial Eye	—	1	1	—	—
Ptosis	—	1	1	—	—
Ears					
Otorrhoea	1	—	—	—	—
Developmental					
Undescended Testes	—	1	1	—	—
Orthopaedic					
Pigeon Chest	—	2	2	—	—
Flattening lower chest wall	—	1	1	—	—
Torticollis	1	1	1	—	—
Depressed sternum	—	1	1	—	—
Round shoulders	3	—	—	—	—
Spina Bifida	1	—	—	—	—
Other					
Enuresis	1	1	1	—	—
Threadworms	3	—	—	—	—
Ganglion	1	—	—	—	—
Subnormal Nutrition	—	1	1	—	—

TUBERCULOSIS—GAINSBOROUGH CHEST CLINIC.

I am indebted to Dr. H. G. H. Butcher, Consulting Chest physician for the following information regarding attendances, notifications, deaths, etc., in connection with the Gainsborough Chest Clinic covering the last five years.

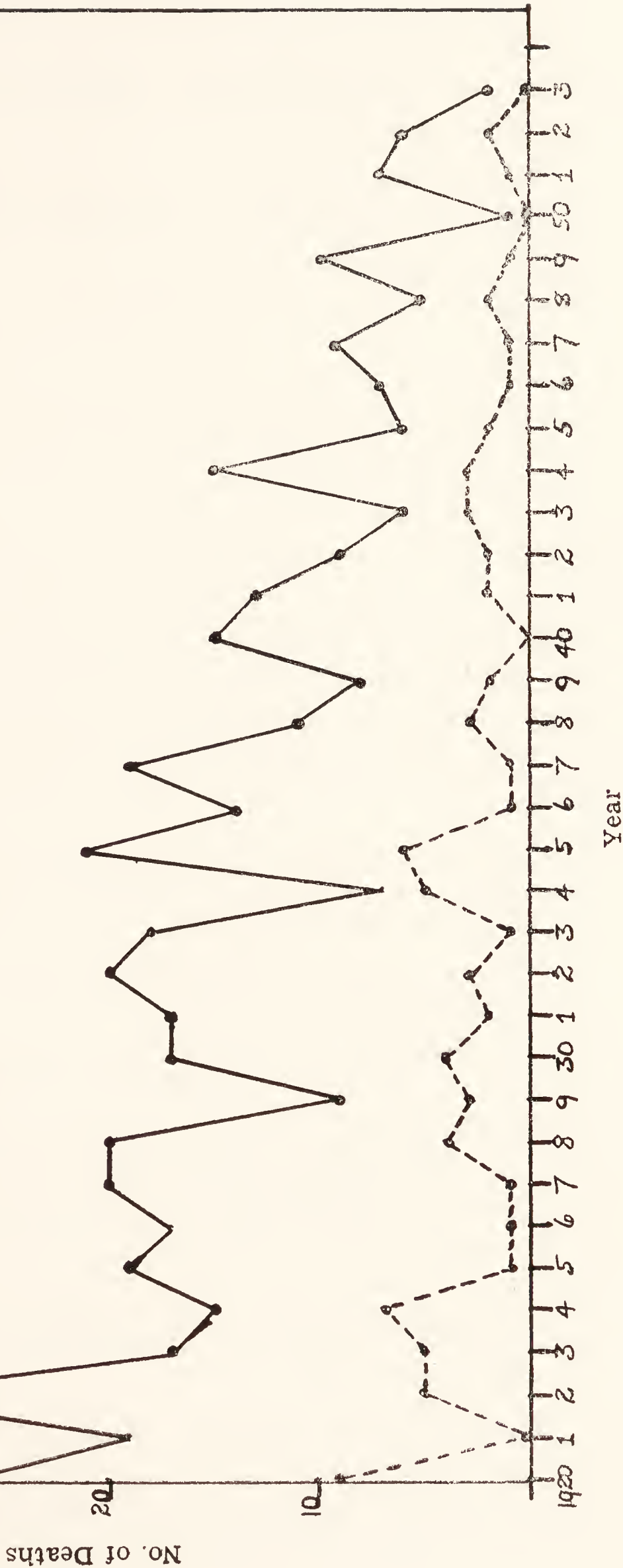
Year.	New Patients Referred.	Total Attendances.	New Cases Notified.	No. of Deaths.	No. of Contacts Examined.
1949	260	1120	32	14	50
1950	400	1238	43	9	74
1951	332	1293	18	7	57
1952	273	1264	22	10	70
1953	296	1281	22	5	51

JUVENILE EMPLOYMENT CERTIFICATES.

Number of children examined during the year for fitness for employment	26
Number of certificates granted	26
Number of certificates refused	Nil

Incidence of deaths from Tuberculosis
(Respiratory and Non-Respiratory) in
Gainsborough for the years 1920-1953.

— Respiratory.
..... Non-Respiratory.



ANNUAL REPORT

of the

Sanitary Inspector

for the year 1953

TO THE CHAIRMAN AND MEMBERS OF
THE URBAN DISTRICT COUNCIL OF GAINSBOROUGH.

Madam Chairman, Ladies and Gentlemen,

I have the honour to submit my seventh Annual Report on the work of the Department during the year. Once again, the greater proportion of your Inspector's time has been taken up by housing repairs and meat and food inspection. These duties are likely to become heavier when proposed legislation in respect of housing and the decontrol of slaughtering become effective.

On the 1st October, the duties of Building Inspector were transferred to the Surveyor's Department and I relinquished my appointment as Licensing Officer on the 1st November.

Legislative changes affecting the work of the Department during the year were as follows:—

Local Government (Miscellaneous Provisions) Act, 1953.

Section 10 of this Act, which came into operation on 14th August gives Local Authorities a power to make a closing order in respect of a house which would otherwise have to be demolished under Section 11 of the Housing Act, 1936 and prohibiting its use otherwise than for a purpose approved by the Local Authority.

Section 8 increases the annual charges for dustbins from two shillings and sixpence to five shillings where the Local Authority provides and maintains bins under Section 75 of the Public Health Act, 1936.

Public Health (Infectious Diseases) Regulations, 1953.

These Regulations came into operation on the 1st April and amplified the precautionary measures provided for in the revoked regulations against food poisoning.

FACTORIES ACT, 1937.

The number of factories on the register, including 11 bake-houses is 92. During the year, 111 visits were paid to these premises, which resulted in 6 offences against the Act being remedied. This work has been facilitated by the ready co-operation which has been extended at all times by Her Majesty's Inspector for the District.

The list of Outworkers required to be kept under Section 110 of the Factories Act, 1937, contains the names of eleven persons resident in the area.

The following table in the form required by the Ministry of Labour and National Service, gives a summary of the work undertaken by the Sanitary Inspectors.

PART I OF THE ACT.

Inspections for purposes of provisions as to health.

Premises.	Number on Register	Inspections	Number of Written Notices	Occupiers Prosecuted
(i) Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by Local Authori- ties	7	15	—	—
(ii) Factories not in- cluded in (i) in which Section 7 is enforced by Local Authority	80	87	—	—
(iii) Other premises in which Sec. 7 is en- forced by the Local Authority exclud- ing outworkers ...	5	9	—	—
Totals	92	111	Nil	Nil

Cases in which defects were found.

Particulars	Number of Cases in Which Defects Were Found.				Number of Cases in which Prosecutions were Instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness .	3	3	—	1	—
Overcrowding	—	—	—	—	—
Unreasonable temp. .	—	—	—	—	—
Inadequate ventilation	1	1	—	—	—
Ineffective drainage of floors	2	2	—	—	—
Sanitary conveniences					
(a) Insufficient ...	—	—	—	1	—
(b) Unsuitable or defective	3	—	—	6	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act	—	—	—	—	—
Totals	9	6	Nil	8	Nil

SHOPS ACT, 1950.

208 visits were paid during the year to ensure compliance with the provisions of the Act in relation to health and comfort of shop workers. 17 contraventions were found and remedied without recourse to formal action.

FOOD.

There are 203 food premises in the area comprising the following types of business:—

Grocers	68	Greengrocers ...	20	Mixed Grocery .	11
Butchers	35	Fried Fish	18	Bakers	11
Confectioners ...	26	Wet Fish	5	Cafes	9

The following premises are registered under Section 14 of the Food and Drugs Act, 1938:—

Preserved Food	20	Storage of Ice Cream	51
Ice Cream Manufacturing	3		

4 dairies are registered under the Milk and Dairies Regulations, 1949. The following dealers licences were issued during the year:—

Sterilised	25	Tuberculin Tested	3
Pasteurised	3		

53 visits of inspection were paid to the twenty registered food premises during the year.

With the greater demand for the hygienic handling of food both by members of the public and the press, several shopkeepers have incurred considerable expense in installing protective equipment. Much still remains to be done but, owing to the heavy calls on Inspectors' time, it has not been found possible to achieve an all-round improvement.

All purveyors of ice cream were visited to secure compliance with the Ice Cream (Heat Treatment) Regulations 1947-1952.

Five samples of ice cream were submitted to the Public Health Laboratory for the Methylene Blue test and all were classified Grade I.

No further educational activities were embarked upon neither was any clean food guild established.

All condemned food is disposed of by burial in the Council's controlled tip.

Routine food inspection was carried out and it was not found necessary to make special examinations of bulk consignments.

I am indebted to Mr. B. J. Drew, County Health Inspector, for supplying the following details of samples taken within the Council's area by the Lindsey County Council as Food and Drugs Authority under the Act.

SAMPLES TAKEN UNDER FOOD AND DRUGS ACT, 1938.

Food or Drug.	No. of Samples.	Result.
Milk	6	Genuine
Butter	1	Genuine
Calves Foot Jelly	1	Genuine
Vegetable Noodle Soup	1	Genuine
Cheese Straws	1	Genuine
Potato Crisps	1	Genuine
Quinine Tonic Waters	1	Genuine
Table Jelly	2	Genuine
Essence of Rennett	1	Genuine
Cream	2	Genuine
Orangeade	1	Slight Sugar Deficiency
Cheese Spread	1	Genuine
Milk of Magnesia	1	Genuine
Sulphur Tablets	1	Genuine
Potted Meat Paste	1	Genuine
Pork Sausages	5	Genuine
Ice Cream	2	Genuine
Coffee and Chicory Essence	1	Genuine
Rum Flavouring Essence	1	Genuine
Semolina	1	Genuine
Cooking Fat	1	Genuine
Silver Dragees	1	Genuine
Mincemeat	1	Genuine
Glaze Cherries	1	Genuine
Chest and Lung Tablets	1	Genuine
Vironita—Iron Tonic	1	Genuine
Tomato Sauce	1	Genuine
Non-brewed condiment	1	Genuine
Dessicated Coconut	1	Genuine
Embrocation	1	Genuine
Sweet Spirit of Nitre	1	Genuine

All samples were genuine with the exception of Orangeade, this slight deficiency was pointed out to the manufacturer and subsequent samples proved satisfactory.

MILK and DAIRIES.

There are seven distributors of milk on the register and twenty-five shops are licensed by the Council for the sale of sterilised milk.

During the year, 87 reports in respect of pasteurised milk were received from the County Health Inspector, all of which were reported upon as satisfactory.

Until the Ministry prescribes areas in which only Designated milks may be sold under the Milk (Special Designations) Act, 1949, dealers may sell raw milk or any of the Designated milks. The designations now in force are:—

TUBERCULIN TESTED.	ACCREDITED.
PASTEURISED.	STERILISED.

After 1st October, 1954, the designation "Accredited" will no longer be used.

The Ministry of Agriculture and Fisheries are responsible for the control of milk production and supervision of milk pasteurising plants is exercised by the Lindsey County Council.

The Council remain responsible for the issue of Dealers' Licences and Supplementary licences and the conditions under which milk is retailed to the public, including the registration of dairy premises and distributors.

With a view to assisting the Ministry of Agriculture and Fisheries to eradicate Tuberculosis from cattle, the Council agreed to co-operate with the County Council in taking of samples for biological examination. By the end of the year, 2 samples had been taken, both of which were reported upon as negative.

MEAT, FOODS AND SLAUGHTERHOUSE INSPECTIONS

CARCASES INSPECTED AND CONDEMNED.

	Cattle excl'd'g Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed.....	616	566	273	3713	1955
Number inspected	616	566	273	3713	1955
<i>All diseases except Tuberculosis.</i> Whole Carcases con- demned	7	17	30	39	71
Carcases of which some part or organ was con- demned	174	129	4	41	369
Percentage of number inspected affected with disease other than tuberculosis	29.39	25.80	12.46	2.16	22.51
<i>Tuberculosis only.</i> Whole Carcases con- demned	8	12	—	—	6
Carcases of which some part or organ was con- demned	96	144	—	—	130
Percentage of number inspected affected with tuberculosis	16.89	27.55	—	—	6.96

No veterinary ante-mortem inspection of animals is undertaken.

No action was necessary in regard to meat offered for sale by retail.

A revised Memorandum on the methods and criteria of meat inspection has been drawn up by the Ministry of Food in order to improve the standard of meat inspection, safeguard the public health and avoid the unnecessary rejection of meat.

This new memorandum came into operation on the 1st February, 1953.

Foodstuffs condemned during the year were:—

MEAT.

18	Beast carcasses and all offals	Generalised Tuberculosis
11	Beast carcasses and all offals	Acute Fever
7	Beast carcasses and all offals	Oedema
2	Beast carcasses and all offals ...	Tuberculosis with Emaciation
2	Beast carcasses and all offals	Extensive Bruising
1	Beast carcass and all offals	Emaciation
1	Beast carcass and all offals	Pyaemia
1	Beast carcass and all offals	Acute Septic Metritis
1	Beast carcass and all offals	Acute Septic Pericarditis
4	Forequarters of beef	Tuberculosis
1	Hindquarter of beef	Tuberculosis
1	Leg of beef	Tuberculosis
1	Side of beef	Abscesses
1	hindquarter of beef	Anasarca
54	lbs. of beef.....	...Bruising
96	lbs. of beef	Broken Bones
20	Beast heads	Abscesses
7	Beast heads	Actinomycosis
99	Beast heads	Tuberculosis
23	Sets beasts lungs	Abscesses
1	Set of beast lungs	Cysts
10	Sets beast lungs	Pleurisy
56	Sets beast lungs	Pneumonia
17	Sets beast lungs	Pulmonary Distoma
157	Sets beast lungs	Tuberculosis
4	Beast hearts	Inflammation
52	Beast hearts	Pericarditis
104	Beast hearts	Tuberculosis
55	Beast livers	Abscesses
80	Beast livers	Cirrhosis
1	Beast liver	Cysts
1	Beast liver	Distomatosis
2	Beast livers	Necrosis
2	Beast livers	Peritonitis
15	Beast livers	Telangiectasis
32	Beast livers	Tuberculosis
3	Beast livers	Tumours
10	Part beast livers	Abscesses
110	Part beast livers	Cirrhosis
7	Part beast livers	Necrosis
3	Beast kidneys	Abscesses
2	Beast kidneys	Cysts
2	Beast kidneys	Necrosis
2	Beast kidneys	Hydronephrosis
15	Beast stomachs	Abscesses
6	Beast stomachs	Inflammation

18	Beast stomachs	Tuberculosis
22	Beast intestines	Abscesses
17	Beast intestines	Enteritis
8	Beast intestines	Johne's Disease
52	Beast intestines	Tuberculosis
12	Beast udders	Mastitis
4	Beast spleens	Abscesses
13	Beast spleens	Inflammation
8	Beast spleens	Tuberculosis
16	Calf carcasses and all offals	Umbilical Pyaemia
5	Calf carcasses and all offals	Oedema
4	Calf carcasses and all offals	Acute Fever
2	Calf carcasses and all offals	Jaundice
1	Calf carcase and all offals	Immaturity
1	Calf carcase and all offals	Bruising
1	Calf carcase and all offals	Pneumonia
2	Calf plucks	Hepatitis
1	Calf head	Abscess
10 lbs.	Veal	Broken leg
18	Sheep carcasses and all offals	Oedema
8	Sheep carcasses and all offals	Acute Fever
6	Sheep carcasses and all offals	Emaciation
4	Sheep carcasses and all offals	Pyaemia
1	Sheep carcase and all offals	Bruising
1	Sheep carcase and all offals	Moribund
1	Sheep carcase and all offals	Decomposition
2	Forequarters mutton	Bruising
12 lbs.	Mutton	Bruising
12	Sheep heads and plucks	Abscesses
4	Sheep heads and plucks	Cysts
2	Sheep heads and plucks	Pneumonia
18	Sheep heads and plucks	Strongylosis
6	Pig carcasses and all offals	Generalised Tuberculosis
6	Pig carcasses and all offals	Emaciation
8	Pig carcasses and all offals	Acute Swine Erysipelas
15	Pig carcasses and all offals	Oedema
4	Pig carcasses and all offals	Gangrenous Pneumonia
4	Pig carcasses and all offals	Extensive Urticaria
2	Pig carcasses and all offals	Uraemia
2	Pig carcasses and all offals	Jaundice
7	Pig carcasses and all offals	Pyaemia
20	Pig carcasses and all offals	Acute Fever
1	Pig carcase and all offals	Moribund
1	Pig carcase and all offals	Decomposition
1	Pig carcase and all offals	Acute Septic Pericarditis
2	Legs of Pork	Arthritis
2	Legs of Pork	Anasarca
2	Hindquarters of pork	Broken legs
2	Hindquarters of pork	Broken back
146 lbs.	Pork	Broken Bones

64 lbs. Pork	Abscesses
63 lbs. Pork	Decomposition
46 lbs. Pork	Anasarca
27 lbs. Pork	Bruising
9 Pig heads	Abscesses
99 Pig heads	Tuberculosis
6 Pig plucks	Abscesses
170 Pig plucks	Cysts
2 Pig plucks	Fibroma
28 Pig plucks	Hepatitis
61 Pig plucks	Inflammation
23 Pig plucks	Pneumonia
23 Pig plucks	Tuberculosis
12 Pig intestines	Ascaris Lumbricoides
6 Pig intestines	Bowel Oedema
228 Pig intestines	Enteritis
31 Pig intestines	Swine Fever Contacts
12 Pig kidneys	Nephritis

OTHER FOODSTUFFS.

1,667 tins fruit	12 chicken cutlets
503 tins tomatoes	24 lbs. margarine
288 tins milk	5 lbs. coconut
189 tins meat	$\frac{1}{2}$ lb. lard
151 tins peas	18 packets of cake mix
121 tins beans	4 packets suet
97 tins fish	292 lbs. rabbits
35 tins soup	178 lbs. pressed meats
34 tins carrots	93 $\frac{1}{2}$ lbs. cheese
27 tins spaghetti	87 $\frac{1}{4}$ lbs. bacon
15 tins coffee	33 lbs. meat pies
8 tins spinach	30 lbs. raisins
21 packets cereal	18 lbs. prawns
45 jars fruit	8 stones crabs
12 jars meat paste	135 table jellies
11 jars mincemeat	113 cream cakes
9 jars jam	94 blocks chocolate
9 jars salad cream	68 chocolate cakes
8 jars pickles	162 $\frac{1}{2}$ lbs. sausages
3 bottles sauce	

SLAUGHTER OF ANIMALS ACT, 1933 and 1951.

There are twenty-nine slaughtermen registered by the Council under Section 3 of the above Acts.

OFFENSIVE TRADES.

The number on the register is four and nineteen visits were paid to these premises to ensure compliance with the Byelaws. The question of nuisance created by the hide and skin store was taken up with the management which resulted in a more frequent removal of offal, but a satisfactory solution of this problem is entirely dependent upon the availability of an alternative site.

REFUSE COLLECTION.

The town is divided into three districts, each served by one vehicle.

A fourth vehicle is employed to supplement this service when, for various reasons, delays are experienced.

This vehicle is also used for collections from business premises, hospitals, institutions, etc., and so concentrates the work of district vehicles on to house refuse.

173 dustbins were provided by the Council, in default of owners, under Section 75(3) of the Public Health Act, 1936.

REFUSE DISPOSAL.

The amount of domestic refuse dealt with at the tip was estimated to be 8,017 tons for the year ending 31st March, 1954.

The method in use is that of controlled tipping. Soil is dug out by an M.R. Bristol angledozer, deposited on top of the refuse and finally levelled off.

During the year, three pits at Upton were filled and covered with soil, so bringing the land into valuable agricultural use. By the end of the year, similar operations were being conducted on a site at Knaith Park.

SALVAGE

191 tons 15½ cwts of waste paper were collected by the Department, which together with other items, realised a gross value of £1,256.

At the end of the year, the restrictions on deliveries of waste paper which the mills found necessary to impose due to the decline in consumption were removed, but as this was accompanied by a fall in price, no appreciable benefit was felt in the receipts from this source.

HOUSE REFUSE COLLECTION AND DISPOSAL.

Total cost of Collection and Disposal of the Town's Refuse
is as follows:—

Refuse Collection and Disposal	£	s	d
Revenue....	11,685	0	3
	1,591	1	6

Nett Cost 10,093 18 9

COLLECTION & DISPOSAL COSTS												
Pop.	No. of Weekly Collections		Method of Collection	Method of Disposal	Total Cost	Total Tons (Est.)	No. of Houses	Cost per House	Cost per 1000 Houses	Cost per Head of Population	Cost 1000 Head of Population	
	House	Trade										
17,420	1	1	2 Ten Cu. Yd. Side Loading and 1 Seven Cu. Yd. Rear Ldg. Motor Vehicles	Controlled Tip	£10,094	8,017	5,494	£1.84	£1,837	11.6s.	£579	

Rate Represented for Collection and Disposal 25.407d.

INFECTIOUS DISEASES.

Twenty-seven cases of infectious disease were referred to me by your Medical Officer of Health for disinfection.

Detailed investigations were also carried out after seven cases of food poisoning.

NATIONAL ASSISTANCE ACT, 1948.

Under Section 50 of the above Act, it is the duty of the Council to cause to be buried or cremated the body of any person who has died or been found dead in the area where no suitable arrangements for disposal have been made. This duty was delegated to your Sanitary Inspector and three cases were dealt with during the year.

MORTUARY ACCOMMODATION.

Extensive structural alterations by the owner of business premises which incorporate the Council's mortuary provided an opportunity to effect several improvements such as the provision of a new ceiling, door and window, and a more readily available water supply.

COMMON LODGING HOUSES.

There is one common lodging house registered by the Council under Section 237 of the Public Health Act, 1936.

Visits were paid periodically to these premises with a view to securing compliance with the Council's byelaws.

No contraventions were noted and the premises were maintained in a clean condition.

MOVEABLE DWELLINGS

There are six moveable dwellings licensed by the Council under Section 269 of the Public Health Act, 1936.

HOUSING.

The maintaining of sub-standard houses in habitable condition has taken up most of the Inspectors' time and 401 visits were paid to 129 houses, 113 of which were repaired without recourse to formal action.

SANITARY IMPROVEMENTS EFFECTED.

Drains cleansed or repaired	48
Drains constructed	7
Drain Ventilators fixed or repaired	1
Inspection Chambers rebuilt	4
Water Closets cleansed or repaired	31
Water Closet structures repaired	6
Sink waste pipes repaired or renewed	15
New sinks provided	11
Portable Dustbins provided by Local Authority in default	173
Portable Dustbins provided by Owners	119
Yard Pavements, etc., repaired	15
Roofs repaired	63
Floors repaired	29
Rain water pipes and eaves gutters repaired	38
Foodstores repaired or provided	2
Plaster of walls and ceilings repaired	51
Firegrates repaired, re-set or renewed	17
Windows, skylights repaired	8
Wash-house structures repaired	3
Coppers re-set, repaired or provided	4
Chimneys repaired or pointed	9
External walls pointed, repaired, etc.	20
Coal stores erected or repaired	6
Stairs repaired or renewed, Handrails fixed	7
Skirtings fixed	29
Doors repaired	7
W.C. pans replaced	15
W.C. Flushing cisterns repaired	14

HOUSING ACT, 1949.

Towards the end of the year, numerous enquiries were received from owners as to the application of this Act to their premises.

Due to inherent structural defects or the excessive amount of repairs required to conform to the regulations, only one application was considered as a suitable scheme for submission to your Health Committee and received final approval.

As owners of well maintained property became aware of the beneficial provisions of this Act, a greater influx of applications is anticipated which will undoubtedly place a greater strain on the resources of the Department, more particularly when viewed in the light of promised legislation in relation to slum clearance.

NEW BUILDINGS.

During the year 86 permanent houses were erected by the Council and 23 by other bodies or persons.

WATER CLOSET ACCOMMODATION.

With the exception of five premises, all dwellings in the town are on the water carriage system.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The following information extracted from the form prescribed by the Ministry of Agriculture and Fisheries is for the fifteen month period ending 31st March, 1954.

	Type of Property.				Total
	Local Authority.	Dwelling Houses.	Agri-cultural.	All other (including business premises).	
Number of properties in Local Authority's District.	12	5265	9	882	6168
Number of properties inspected.	12	624	6	92	734
Number of properties inspected which were found to be infested by rats.	Major 1 Minor 4	9 600	— —	8 24	18 628
Number of properties inspected which were found to be seriously infested by mice.	—	15	—	2	17
Number of properties treated by the Local Authority.	5	624	—	34	663
Number of "block" control schemes carried out.	18				

During the year, 190 premises were treated for minor insect infestations.

INSPECTIONS MADE DURING THE YEAR.

Houses — Public Health Acts: Visits	466
Complaints investigated	129
Visits to Property under Notice	401
Common Lodging Houses	6
Factories — Mechanical Power	64
Factories — No Mechanical Power	15
Workplaces	8
Infectious Disease Cases	27
New Buildings	109
Drainage Work	57
Shops Act	208
Eakehouses	23
Fried Fish Shops	21
Other Food Preparation	126
Wet Fish Shops	7
Butcher's Shops	41
Markets	98
Abattoir	367
Offensive Trades	19
Ice Cream Shops	57
Dairies and Milk Shops	56
Stables and Garages	4
Verminous Houses	5
Depot and Tip	97
Refuse Collection	161
Marine Stores	9
Interviews with owners	39
Miscellaneous	4
Water Samples	217
Unsound Food	147
Building Control	37
Overcrowding	4
<hr/>	
Total	3,029
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WATER SUPPLY.

- (i) Water is obtained from two boreholes at the Council's Waterworks and is stored in two open reservoirs with an estimated total capacity of three days normal demand. Two water towers with a total capacity of 36,500 gallons are also provided for gravity feeding to the higher levels of the town.

(ii) **BACTERIOLOGICAL EXAMINATIONS.**

During the year, 214 samples of water were submitted for bacteriological examination both before and after chlorination. Results are reported upon in accordance with the Ministry of Health's suggested classification.

RAW WATER.

Class 1 (Highly satisfactory)	49	92.4%
Class 2 (Satisfactory)	2	3.8%
Class 3 (Suspicious)	2	3.8%
Class 4 (Unsatisfactory)	0	
Total		53

WATER GOING INTO SUPPLY.

Class 1 (Highly satisfactory)	147	91.3%
Class 2 (Satisfactory)	6	3.7%
Class 3 (Suspicious)	3	1.9%
Class 4 (Unsatisfactory)	3	1.9%
Doubtful	1	0.6%
Very unsatisfactory	1	0.6%
Total		161

CHEMICAL ANALYSIS.

Three samples of water were taken during the year and reported upon as "Satisfactory."

- (iii) As the water has an average total hardness of 313 parts per million and an average pH value of 7.6 the possibility of the water having a plumbo-solvent action is extremely remote.
- (iv) The water is chlorinated at the waterworks by means of an automatic chlorinating and recording apparatus.
- (v) Number of dwellinghouses supplied from public water mains direct 5,130
- Number of dwellings supplied by means of stand-pipes 364

DRAINAGE AND SEWERAGE.

1,210 yards of sewers were laid on the White's Wood Lane housing estate.

BUILDING CONTROL.

On the 1st August, 1945, the Council were authorised under Defence Regulations 56A, to grant licences within specified limits, which duty was delegated to your Sanitary Inspector and finally transferred to your Surveyor on the 1st November, 1953.

During the year, one licence in the sum of £2,650 was issued by this Department for the erection of a private dwellinghouse.

The Control of Building Operations (No. 18) Order, 1953, prescribed for the calendar year 1st January — 31st December, 1953, new financial limits within which building or civil engineering work could be done without a licence. The effect of the Order is that work may be done without a licence on any single property if its cost, together with the cost of any previous work carried out without a licence in that period, does not exceed £500 or in the case of special classes of buildings, known as "designated buildings," £2,000.

Since January, 1950, the value of licences issued was restricted to 80 per cent. of the rate of issues for 1949, but with the raising of the "free limits" the existing quota system was abandoned in June and applications were judged strictly on merit.

In concluding my report, I wish to thank the Chairman and Members of the Health Committee for their unstinted co-operation, to the Medical Officer of Health for his invaluable help at all times and to the Additional Sanitary Inspector and Health Department Staff for their ready and willing assistance.

I am, Madam Chairman, Ladies and Gentlemen,

Your obedient servant,

JOHN CARTER.

